RE: Schnitzer Recon Take 2

Laura Jones to: Sanders, Dawn, Kristine Koch, TARNOW Karen E — 03/12/2007 09:55 AM

Cc: Andy Koulermos, Amanda Shellenberger, Amanda Spencer, Carl Stivers, "Scheffler, Linda"

Outfall 5a is fine with me. Laura

Laura L. Jones
Managing Scientist
Integral Consulting, Inc.
319 SW Washington St, Suite 1150
Portland, Oregon 97204
Cell: 503.539.1723
Phone: 503.284.5545
Fax: 503.284.5755
ljones@integral-corp.com
www.integral-corp.com

-----Original Message-----
From: Sanders, Dawn [
mailto:DAWNS@BES.CI.PORTLAND.OR.US]
Sent: Monday, March 12, 2007 9:52 AM
To: 'Koch.Kristine@epamail.epa.gov'; TARNOW Karen E
Cc: Andy Koulermos; Amanda Shellenberger; Amanda
Spencer; Carl Stivers;
Sanders, Dawn; Scheffler, Linda; Laura Jones
Subject: RE: Schnitzer Recon Take 2

Works for us too

-----Original Message-----
From: Koch.Kristine@epamail.epa.gov
[mailto:Koch.Kristine@epamail.epa.gov]
Sent: Monday, March 12, 2007 9:28 AM
To: TARNOW Karen E
Cc: Andy Koulermos; Amanda Shellenberger; Amanda
Spencer; Carl Stivers;
Dawn Sanders; Scheffler, Linda; Laura Jones
Subject: RE: Schnitzer Recon Take 2

I agree with Karen.

Kristine Koch
Remedial Project Manager
USEPA, Office of Environmental Cleanup

1200 Sixth Avenue, M/S ECL-115
Seattle, WA 98101
(206)553-6705
(206)553-0124 (fax)
1-800-424-4372 extension 6705 (M-F, 8-4 Pacific Time, only)

TARNOW Karen E <TARNOW.Karen@deq.state.or.us>

03/12/2007 09:22 AM

To: Carl Stivers <cstivers@anchorenv.com>, Dawn Sanders <DAWNS@BES.CI.PORTLAND.OR.US>, "Scheffler, Linda" <LindaSC@BES.CI.PORTLAND.OR.US>, Kristine Koch/R10/USEPA/US@EPA, Laura Jones <ljones@integral-corp.com>, Andy Koulermos <akoulermos@newfields.com>, Amanda Spencer <aspencer@ashcreekassociates.com>

cc: Amanda Shellenberger <ashellenberger@anchorenv.com>

Subject: RE: Schnitzer Recon Take 2

Outfall 5a sounds good to me. Would be good to keep an eye out for
overflows, or ask Matt to do so, so we have some confidence in knowing
what the data represents.

FYI - Mike Romero, the PM for this site, thinks that the area to the
east of Basin 5B is where they pile the "fluff" which is the
non-metallic leftovers from the things they throw into the shredder,
such as plastics, upholstery, foam, etc. When he worked in Arizona,
there was an auto shredder fluff site that had pretty bad PCB
contamination.

-----Original Message-----
From: Carl Stivers [mailto:cstivers@anchorenv.com]
Sent: Friday, March 09, 2007 1:58 PM
To: Dawn Sanders; Scheffler, Linda; koch.kristine@epa.gov; TARNOW
Karen E; Laura Jones; Andy Koulermos; Amanda Spencer
Cc: Amanda Shellenberger
Subject: FW: Schnitzer Recon Take 2

Stormwater Tech Team -

Please see email from Amanda Shellenberger below regarding results
of the second recon of the Schnitzer site. The main outstanding
decision is to pick another outfall in addition to WR-123. Please
reply to all with your suggestions on which additional outfall to
sample and why. If we have an easy answer may be able to resolve
by email, if not, I will set up a brief call to discuss. Thanks.

Carl

Carl Stivers
Anchor Environmental, L.L.C.
1423 3rd Avenue, Suite 300
Seattle, WA 98101-2226
Phone: 206-287-9130
Fax: 206-287-9131
cstivers@anchorenv.com

received this electronic
transmission in error, please notify us by
telephone at (206)
287-9130, or by electronic mail,
cstivers@anchorenv.com.

From: Amanda Shellenberger
Sent: Friday, March 09, 2007 1:53 PM
To: Carl Stivers
Subject: FW: Schnitzer Recon Take 2

Carl-

Here is a summary of my most recent recon visit
to Schnitzer
Steel.

Outfall WR-123 (Outfall 18 on attached map)

This MH I circled on the map looks to be a
feasible one to sample.
It is 15-20 feet deep with an approximately
48-inch pipe at the
bottom. The pipe looks to be about half full
of sediment. There
was running water in this MH at the time of the
recon, even though
it hadn't rained since the day before.
According to Matt Cusma,
this pipe has very large amounts of flow in it
during rainfall
events. He said it had never flooded with
river water to his
knowledge. There were no visual water marks
above the elevation
of the outlet pipe that would indicate
flooding.

Outfall WR-??? (Outfall 5a on the attached
map)

I could only inspect this outfall from a
distance because they
were offloading a ship at the site yesterday.
This outfall will
be inaccessible when they offload ships, which
happens about 12
times a year. When the ships are there, the
area will be
inaccessible for 4 or 5 days. However, the
outfall did seem to be
accessible by boat, so that could be an option
for picking up
stormwater samples.

The outfall is an 8-inch plastic pipe that
discharges about 8 feet
above the water surface of the river. It is
located on a steep

river bank, but from a distance it seems feasible to sample here.

The only issue is the sand filter. The sand filter has a high flow bypass, so during periods of high flows runoff bypasses the sand filter and discharges directly to the river through outfall 5b. Matt Cusma said that he didn't think this happened very often, maybe once a year or less. But if the sand filter hasn't been maintained in awhile, then it will have lower capacity.

The area that drains to this outfall is Basin 5a, 5b and 5c. They are named differently because they are not continuous. The shredder that is currently under construction is located in Basin R4. (All the basins on the map with an R before the basin number are recycled and do not discharge to the river.)

Outfall WR-108 (Outfall 1 on the attached map)

Here are the details on the pilot treatment study that is currently being conducted on site:

The treatment consists of sand filtration, flocculation, and pH adjustment. The project started in mid-February and will continue for three months or longer if necessary. Matt expects it to go a little longer than three months. They will try other treatment methods if needed.

Amanda Shellenberger, P.E.
Anchor Environmental, L.L.C
1423 3rd Avenue, Suite 300
Seattle, WA 98101
Phone: (206)287-9130
Fax: (206)287-9131